

## Personal Data

Name	Muhannad Falah Alruwaili
Department	Medical Laboratory Technology
Nationality	Saudi
Date	2024
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## Language proficiency

Language	Read	Write	Speak
Arabic	Fluent	Fluent	Fluent
English	Fluent	Fluent	Fluent

### Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of issue	Address
2024	PhD	University of Liverpool	United Kingdom
2018	MSc	Wright State University	United State of America
2012	BSc	Northern Border University	Saudi Arabia

### من الشمال...إلى الوطن

#### PhD, Master or Fellowship Research Title

PhD	Investigating the impact of coronavirus infection with the host
Master	The impact of cytokines and HSV-1 on Rab5 protein expression, F-actin cytoskeleton rearrangement, and cell viability of uninfected and virus-infected M0, M1, and M2 RAW264.7 murine macrophages

### Professional Record(Beginning with the most recent)

Job Rank	Place And Address of work	Date
Assistant professor	Northern Border University	2024
Lecturer	Northern Border University	2021
Teaching assistant	Northern Border University	2014

### Management Position(Beginning with the most recent)

Administrative position	The disk	Date
Head	Graduate studies and scientific research unit	2024
Scientific supervisor	The scientific supervisor of the medical sterilization program	2024

### Scientific Achievements (Published Refereed Scientific Research)

Name of Investigators	Research Title	Publisher and Date of Application
Nasir, J. A., Kozak, R. A., Aftanas, P., Raphenya, A. R., Smith, K. M., Maguire, F., Maan, H., Alruwaili, M., Banerjee, A., Mbareche, H., Alcock, B. P., Knox, N. C., Mossman, K., Wang, B., Hiscox, J. A., McArthur, A. G., & Mubareka, S.	A comparison of whole genome sequencing of SARS-CoV-2 using amplicon-based sequencing, ranom hexamers, and bait capture	Viruses

Moore, S. C., Penrice-Randal, R., Alruwaili, M., Randle, N., Armstrong, S., Hartley, C., Haldenby, S., Dong, X., Alrezaihi, A., Almsaud, M., Bentley, E., Clark, J., García-Dorival, I., Gilmore, P., Han, X., Jones, B., Luu, L., Sharma, P., Shawli, G., Sun, Y., ... Hiscox, J. A.	Amplicon-based detection and sequencing of SARS-CoV-2 in nasopharyngeal swabs from patients with COVID-19 and identification of deletions in the viral genome that encode proteins involved in interferon antagonism	Viruses
Aljabr, W., Alruwaili, M., Penrice-Randal, R., Alrezaihi, A., Harrison, A. J., Ryan, Y., Bentley, E., Jones, B., Alhatlani, B. Y., AlShahrani, D., Mahmood, Z., Rickett, N. Y., Alosaimi, B., Naeem, A., Alamri, S., Alsrar, H., Hamed, M. E., Dong, X., Assiri, A. M., Alrasheed, A. R., ... Hiscox, J. A.	Amplicon and metagenomic analysis of Middle East Respiratory Syndrome (MERS) coronavirus and the microbiome in patients with severe MERS	mSphere
Goldswain, H., Dong, X., Penrice-Randal, R., Alruwaili, M., Shawli, G. T., Prince, T., Williamson, M. K., Raghwani, J., Randle, N., Jones, B., Donovan-Banfield, I., Salguero, F. J., Tree, J. A., Hall, Y., Hartley, C., Erdmann, M., Bazire, J., Jearanaiwitayakul, T., Semple, M. G., Openshaw, P. J. M., ... Hiscox, J. A.	The P323L substitution in the SARS-CoV-2 polymerase (NSP12) confers a selective advantage during infection	Genome Biology
Alruwaili, M., Armstrong, S., Prince, T., Erdmann, M., Matthews, D. A., Luu, L., Davidson, A., Aljabr, W., & Hiscox, J. A.	SARS-CoV-2 NSP12 associates with TRiC and the P323L substitution acts as a host adaptation	Journal of Virology
Abdul Wahid, J., Alruwaili, M., & Balsubramanian	Detection of biofilm forming methicillin-resistant staphylococcus aureus from	International Journal of Zoological Investigations

	diabetic ulcer patient pus sample and its antibiotic susceptibility test	
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Scientific Achievements (Scientific Research accept for publication)

Name of Investigators	Research Title	Date	The magazine

Scientific Achievements(Scientific Research submitted for Arbitration of specialized )

Name of Investigators	Research Title	Plot And Date of publication

Scientific Achievements(Finished Research Projects)

Name of Investigators	Research Title	Date Title

Scientific Achievements(Current Research)

Name of Investigators	Research Title

Scientific Achievements (Contribution to Scientific Conference and symposia)

Conference Title	Place And Date of the Conference	Extent of Contribution
UK International Coronavirus Network	Cambridge, United Kingdom. 02/11/2024	Poster presentation
UK International Coronavirus Network	Riyadh, Saudi Arabia. 27/11/2022	Poster presentation
UK-ICN AGM	London, United Kingdom. 28/01/2023	Oral presentation

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Scientific Achievements (Membership and Committees participating in)

1-	
2-	
3-	

Teaching Activities (Undergraduate)

Course	Course Number	Extent of Contribution
Clinical rotation in Parasitology		Full time
Microbiology 2		Full time

Health ethics		Full time
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### Brief Description of the Undergraduate Courses taught

1-	
2-	
3-	

### Teaching Activities (Scientific Studies)

Course	Course Number	Extent of Contribution

### Teaching Activities (academic advising for Student)



Stage	Number of Students	Form	To me

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Teaching Activities(Supervision of master and doctoral theses)

Scientific Certificate	The Side	The address	Date

Teaching Activities(Supervision of Ongoing Research)

Scientific Certificate	The Side	The address	Date

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The Side	Position	Form	To me
Medical Laboratory Technology Council Committee	Member	2024	2024
The scientific day committee for the medical laboratory technology	Head	2024	2024
The executive committee for the health leadership forum in the Northern Borders Region	Member	2024	2024
Curriculum development committee of Applied Medical Sciences	Member	2024	2024

The faculty affairs committee in Medical Laboratory Technology	Member	2024	2024
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#### Administrative Tasks and Community Service (Committee membership)

The Side	Position	Form	To me

#### Administrative Tasks and Community Service (Educational Consultancy)

Time-full Partial-time	The Side	Form	To me

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### Administrative Tasks and Community Service (Volunteer Work)

The Side	Volunteer Type	Form	To me

### Voluntary Competencies and Skills

1-	
2-	
3-	